B-VII-40 Golets / PMK-1 / PMR-2

DATA AS OF 2011 (standard replenishment) R&D B-VII-40 "Golets " / PMK-1 complex, PMR-2 mine PMK -1 complex, PMR-2E mine (export version) Anti-submarine mine complex / anti-submarine mine-missile with an auto-aiming system. Developed since 1962 by NII-400 (TsNII "Gidropribor") on the topic of R&D B-VII-40 "Golets" using the developments of R&D on the B-IX-30 mine-missile with the use of a new auto-aiming system. Chief Designer - L.M. Wolfson. The first domestic mine complex with an encapsulated mine-missile on a solid-propellant rocket motor accepted into service. The mine-rocket was accepted into service by the USSR Navy in 1972 (in 1973 according to other sources) under the name PMK-1 (anti-submarine mine complex) with the mine-rocket PMR-2 (anti-submarine mine-rocket). The charge of mixed fuel for the solid propellant rocket motor of the rocket was put into production by the Altai Research Institute of Chemical Technology in 1975. In 1990, an export version of the PMK-1 complex with the mine-rocket PMR-2E was created on the basis of the mine-rocket PMR-2. Serial production of the mine-rockets was carried out by the Dvigatel plant (St. Petersburg) and the V.V. Kuibyshev Machine-Building Plant (Petropavlovsk, Kazakhstan). The closest foreign analogue is the heavier Captor mine (USA).

★★★



Anti-ship mine complex PMK-1 / mine-rocket PMR-2 (http://www.kremalera.narod.ru).

Author: DIMMI Created: 08.04.2011 17:12:35 Comments: 4 READ THE FULL ARTICLE

RM-2 / RM-2G

DATA AS OF 2011 (standard replenishment) RM-2 RM-2G Bottom anchored rocket-propelled floating mine. Developed at NII-400 since 1960. Chief designer A.D. Botov. Adopted into service in 1963. Serially produced at the V.V. Kuibyshev Machine-Building Plant.

★★

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RPK-7 Wind - SS-N-16 STALL

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The RM-2G mine is a museum exhibit (photo from the dmirg78 archive, http://forums.airbase.ru).

Author: DIMMI Created: 27.06.2011 22:15:42 Comments: 3 READ THE FULL ARTICLE

PMT-1

DATA AS OF 2011 (standard replenishment) PMT-1 Anti-submarine mine-torpedo. Developed in 1963-1971 by NII-400 (TsNII Gidropribor). Chief designers - Vlasov L.V., Botov A.D. The first domestic mine complex with a torpedo was accepted into service in 1972. The mine-torpedo was produced at the V.V. Kuibyshev Machine-Building Plant (Petropavlovsk, Kazakhstan).

★★



The design of the PMT-1 mine-torpedo (Naval mine weapons. Book 1. Naval mine weapons of the Russian fleet. St. Petersburg, "Otechestvo", 2009).

Author: DIMMI Created: 04/09/2011 08:11:11 Comments: 1 READ THE FULL ARTICLE

PMK-2

DATA AS OF 2011 (standard replenishment) PMK-2 Anti-submarine mine system with a mine-torpedo with a homing system. Developed in 1983-1989 by the Central Research Institute "Gidropribor". Chief Designer - V.M. Pavlov. The mine-torpedo was accepted into service in 1990. Serial production of mine-torpedoes is carried out by the Dvigatel plant (St. Petersburg). There is an export version of the mine system.

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The design of the PMK-2 mine-torpedo (Naval mine weapons. Book 1. Naval mine weapons of the Russian fleet. St. Petersburg, "Otechestvo", 2009).

Author: DIMMI Created: 09.04.2011 06:47:54 Comments: 2 READ THE FULL ARTICLE

PMR-1

DATA AS OF 2011 (standard replenishment) PMR-1 Anti-submarine mine-rocket with an auto-aiming system. Developed in 1961-1970 by NII-400 (TsNII Gidropribor). Chief designer - L.P. Matveyev. The mine-rocket was accepted into service in 1970.

★★



The design of the PMR-1 mine-rocket (Naval mine weapons. Book 1. Naval mine weapons of the Russian fleet. St. Petersburg, "Otechestvo", 2009).

Author: DIMMI Created: 09.04.2011 06:14:20 Comments: 1 READ THE FULL ARTICLE

B-IX-30

DATA FOR 2011 (standard replenishment)
B-IX-30
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An experimental anti-ship mine-missile with an automatic aiming system. The development was carried out by NII-400 (now the Central Research Institute "Gidropribor"), chief designer - Vlasov L.V., deputy chief designer - A.B. Alexandrov. The development began in 1960. In 1961, it was planned to begin testing the mine-torpedo on Lake Ladoga in the area of the city of Lakhdenpokhya, with the transfer of tests to the Black Sea by the end of 1961, with continuation in 1962 and further until acceptance of the product by the Navy. At the first stage of testing, it was planned to determine the type of control surfaces for use on the missile - gas-dynamic in the solid-propellant rocket motor jet or hydrodynamic, located on the missile body.

It was supposed to install mine-rockets on the bottom with an anchor, and upon detection of the target ship by the auto-aiming system, an underwater missile would be launched in its direction, which would hit the target ship in the bottom part.

Author: DIMMI Created: 07.04.2011 19:28:42 Comments: 4 READ THE FULL ARTICLE

MDS Omul

DATA AS OF 2011 (standard replenishment) MDS "Omul" / "Omul-1" A modification of the 53-65K torpedo - a mine carrier. Developed by the Central Research Institute "Gidropribor" together with the Special Design Bureau of the S.M. Kirov Plant (Alma-Ata). Adopted into service in 1979.

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Author: DIMMI Created: 14.03.2011 21:47:24 Comments: 1 READ THE FULL ARTICLE

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